

Converting Colors

CIELCh(60, 52.268, 315.718)

Have a look what the booklet for
CIELCh(60, 52.268, 315.718)
contains.

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Color

CIELCh(60, 52.316, 315.726)

Conversions

Conversions Part 1

Format	Color
Hex	B27AD1
RGB	178, 122, 209
RGB Percent	70%, 48%, 82%
CMY	0.3006, 0.5203, 0.1790
CMYK	0.15, 0.42, 0.00, 0.18
HSL	279°, 49%, 65%
HSV	279°, 42%, 82%
XYZ	36.9886, 28.1233, 64.0248
YIQ	148.6620, 5.4490, 38.9290

Conversions

Conversions Part 2

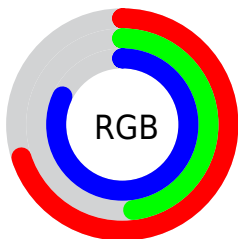
Format	Color
RYB	178, 122, 209
Decimal	11696849
CIELab	60.00, 37.46, -36.52
CIElCh	60, 52.316, 315.726
Yxy	28.1233, 0.2864, 0.2178
Android (android.graphics.Color)	4289886929 (0xFFB27AD1)
YUV	148.6620, 29.7466, 25.7294
Hunter-Lab	53.0314, 31.6958, -34.4588

Details

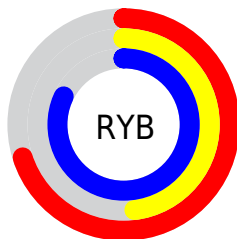
The CIELCh color $60, 52.316, 315.726$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $78, 50.329, 131.942$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 47.149, 318.663$, and $40, 52.021, 315.837$ is the 20% darker color. If you saturate the color by 10%, you get $55, 64.777, 316.117$, and if you desaturate by 10%, it is $66, 39.568, 315.290$.

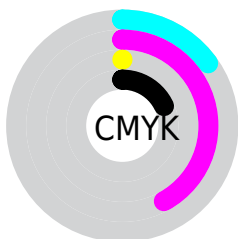
Distribution



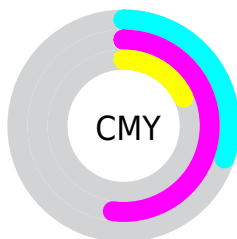
- Red (70%)
- Green (48%)
- Blue (82%)



- Red (70%)
- Yellow (48%)
- Blue (82%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)





- Cyan (30%)
- Magenta (52%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 52.316, 315.726 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 52.316, 315.726 by changing the saturation by 10% instead.


 60, 52.316,
315.726


 60, 52.316,
315.726


 100, 52.316,
315.726


 50, 52.316,
315.726


 80, 52.316,
315.726


 40, 52.316,
315.726

 90, 52.316,
315.726

 30, 52.316,
315.726

 20, 52.316,
315.726

 10, 52.316,
315.726

 0, 52.316, 315.726

 60, 52.316,

 60, 52.316,

315.726

55, 64.777,
316.117

50, 76.537,
316.417

45, 87.010,
316.566

42, 95.496,
316.487

39, 101.347,
316.103

37, 104.384,
315.563

315.726

66, 39.568,
315.290

71, 26.817,
314.841

77, 14.233,
314.397


83, 1.915, 313.902

89, 10.085,
133.618

95, 21.743,
133.251

97, 24.873,
129.502

98, 23.976,
123.552

 98, 23.365,
117.120

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 52.316, 315.726



78, 50.329, 131.942

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 52.316, 315.726



60, 52.316, 5.726



60, 52.316, 135.726



60, 52.316, 185.726

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 52.314, 315.726



92, 17.337, 314.422



63, 31.860, 275.565



48, 11.516, 314.480



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 52.314, 315.726



67, 73.748, 316.081



63, 51.162, 330.817



41, 6.956, 314.301



30, 88.637, 315.722



3, 27.799, 313.443

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 37.728, 357.098



69, 53.132, 358.708



77, 51.208, 144.948



41, 4.957, 353.000



35, 62.718, 15.459



5, 20.743, 2.598

Previews

White Background



This preview shows how the CIELCh color 60, 52.316, 315.726 looks on a white background.

Color Contrast Check

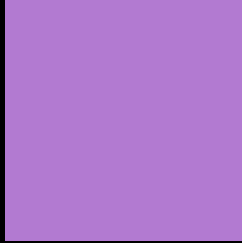
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 52.316, 315.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

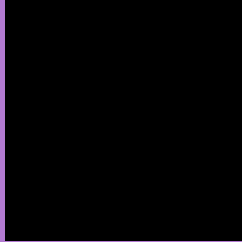
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 52.316, 315.726

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.316, 315.726.

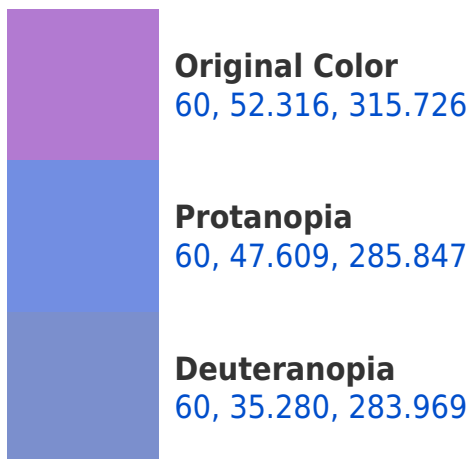


This preview shows how white text looks on a background with the CIELCh color 60, 52.316, 315.726.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
60, 14.415, 355.598

Trichromacy



Original Color
60, 52.316, 315.726

Protanomaly
60, 48.076, 296.019

Deuteranomaly
60, 40.914, 298.122

Tritanomaly
60, 26.788, 327.084

Monochromacy



Original Color
60, 52.316, 315.726

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 19.729, 315.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.316, 315.726 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 122, 209)` looks like.

```
.text, #text, p{  
    color:rgb(178, 122, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 122, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 122, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.316, 315.726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

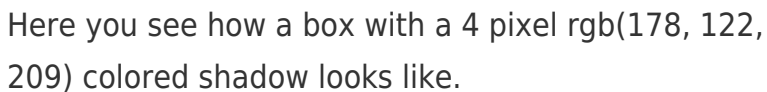
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 122, 209) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 122, 209) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(178, 122, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 122, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 122, 209);  
box-shadow:4px 4px 4px 4px rgb(178, 122,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.316, 315.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 122, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
122, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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